Compliance Monitoring
Eastern Washington
FY 2008
Field Forms

Pre-survey checklist (For Office and Planning Use)

Form 1 **Post Survey Evaluation Form**

Form 2 **Road Construction**

Form 3 **Road Maintenance**

Form 4 **Road Abandonment**

Form 5 **Landings**

Form 6 **Temporary and Permanent Crossings on Type N water**

Form 7 **Fords**

Form 8 **Type F or S, Inner Zone Harvest, Ponderosa Pine Timber Habitat Type**

Form 9 **Type F or S, Inner Zone Harvest, Mixed Conifer Timber Habitat Type**

Form 10 **Type F or S, Inner Zone Harvest, High Elevation Habitat Type**

Form 11 **Type Np or Ns RMZ**

Form 12 **A or B Wetland Management Zones and Forested Wetlands**

Form 13 **Small Forest Landowner 20-Acre Exempt Parcels**

Form 14 **Alternate Plans**

Form 15 **Supplemental Stream Evaluation Information**

Eastside
Pre-Survey Checklist (Optional for Office and Planning Use)

FPA #:	Date:	Ownership: SFLO / Industrial		
DNR Survey Lead:	**DOE Survey Rep:**	**WDFW Survey Rep:**	**Tribal Representative**	**Landowner representative**
Other Attendees: **Representing**	**Other Attendees:** **Representing**			

Use separate forms if needed for multiple activities

Forms to be completed: (As reported on FPA)
Post survey evaluation Form – Form #1 X (always needed)

Road Activities

_____ Road Construction – Form #2
_____ Road Maintenance – Form #3
_____ Road Abandonment – Form #4
_____ Landings – Form #5
_____ Permanent and Temporary Crossings
_____ on N Waters Form – #6
_____ Fords on Type N waters Form – #7

RMZ

S or F: Ponderosa Pine – Form #8 _____
S or F: Mixed Conifer – Form #9 _____
S or F: High Elevation – Form #10 _____
N RMZ – Form #11 _____
Wetlands - Form #12 _____
20 Acre Exempt parcels Form #13 _____
Alternate Plans Form - #14 _____
Stream Evaluation Form – Form 15 _____

Pre-Survey Information: (As reported on FPA)

Are stream type modification forms available for this application? _____

Type S or F RMZ

Ponderosa Pine or Mixed Conifer
Stream Segment Identifier or Location ____In Bull Trout Overlay (BTO) _____?
Harvest in Inner Zone: Y / N Zone Requirements: Inner Zone Width _____Outer Zone Width _____

Site Class on FPA: I / II / III / IV / V Site Class on FPARS: I / II / III / IV / V

Site Index (Mixed Conifer Only): <90 / 90-110 / >110 Site Class/Index Correct: Y / N

Stream Width: >15 ft / ≤15 ft CMZ Present: Y / N LWD Placement Strategy: Y / N

Total Leave Trees Required: ____Inner Zone ____ Outer Zone Stream length_____

Outer Zone Placement Strategy: Dispersed / Clumped Sensitive Area / Clumped

Type S or F RMZ (High Elevation Habitat Type)

Stream Segment Identifier or Location_____ in Bull Trout Overlay (BTO)? _____
Harvest in Inner Zone: Y / N Zone Requirements: _____Inner Zone Width _____Outer Zone Width
Site Class on FPA/N: I / II / III / IV / V Site Class on FPARS: I / II / III / IV / V
Stream Width: >15 ft / ≤15 ft Stream Length: _____ ft

Core Zone basal area: _____ ft²/acre Total Leave Trees required: ____Inner Zone ____ Outer Zone

What is the basal area needed for this harvest in regards to Site Class? _____

Outer Zone Placement Strategy: Dispersed / Clumped Sensitive Area / Clumped

Type Np RMZ

Stream Segment Identifier or Location _____
Harvest within 30' of bfw: Yes / No

Length of entire reach in unit: _____ft

Designation: Partial Cut / Clear-cut Length of Clear-cut: _____ ft

Sensitive Features: 50' ____ Headwall Seep ____ Side-slope Seep
56' ____ 2 or More Np ____ Pip _____Headwall Spring _____

Type Ns RMZ

Stream Segment Identifier or Location _____

Road Activities
(Maps from FPA should be brought on survey to guide analysis)
Total Length of Road Construction on FPA: _____ ft
Total Length of Road Maintenance on FPA: _____ ft
Total Length of Road Abandonment on FPA_____ ft
Water Crossings: Culvert / Temp Bridge / Temp Culvert / Ford

Proximity of Road Work to Typed Water: In or Over / Potential to Deliver / No Potential to Deliver
Any stream adjacent parallel roads?
Number of Landings: _____

Pre-Survey Comments or Communications:

_____

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Eastside Form #1
Post Survey Evaluation

FPA # **Date**	**Ownership:** SFL / Industrial	**Time Spent:**	**Terrain:** 0% - 30 / 31% - 50% / >51%	**Vegetation:** Open / Brushy /Very Brushy/ blow down
DNR Survey Lead:	**DOE Survey Rep:**	**WDFW Survey Rep:**	**Other Attendees:** **Representing:**	**Other Attendees:** **Representing:**
Other Attendees: **Representing**	**Other Attendees:** **Representing**	**Other Attendees:** **Representing**	**Other Attendees:** **Representing**	**Other Attendees:** **Representing**

Evaluation: Please fill out this section for each activity that was evaluated on the FPA. The form number corresponds to the question numbers on this form.

1. Did information on the FPA provide adequate means to evaluate the activities completed on the ground? (i.e. Was all information included on FPARS or was additional documentation required? Were activities accurately described? Were all exchanges, management options and deviations outlined?)

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2. Road Construction (Form #2)

Status of Compliance: **Exceeds** **Compliant** **Out of Compliance**

Non-Compliance Level (use professional judgment): **Trivial/Low** **Apparent/Medium** **Major/High** **No Consensus**

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3. Road Maintenance (Form #3)

Status of Compliance: **Exceeds** **Compliant** **Out of Compliance**

Non-Compliance Level (use professional judgment): **Trivial/Low** **Apparent/Medium** **Major/High** **No Consensus**

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Compliance Monitoring
Eastside Post Survey Evaluation – Form #1 (cont'd)

4. Road Abandonment (Form #4)

Status of Compliance: **Exceeds** **Compliant** **Out of Compliance**

Non-Compliance Level (use professional judgment): **Trivial/Low** **Apparent/Medium** **Major/High** **No Consensus**

5. Landings (Form #5)

Status of Compliance: **Exceeds** **Compliant** **Out of Compliance**

Non-Compliance Level (use professional judgment): **Trivial/Low** **Apparent/Medium** **Major/High** **No Consensus**

6. Temporary and Permanent Crossings on Type N water (Form #6)

Status of Compliance: **Exceeds** **Compliant** **Out of Compliance**

Non-Compliance Level (use professional judgment): **Trivial/Low** **Apparent/Medium** **Major/High** **No Consensus**

7. Fords (Form #7)

Status of Compliance: **Exceeds** **Compliant** **Out of Compliance**

Non-Compliance Level (use professional judgment): **Trivial/Low** **Apparent/Medium** **Major/High** **No Consensus**

Compliance Monitoring
Eastside Post Survey Evaluation – Form #1 (cont'd)

8. Inner Zone Harvest Ponderosa Pine Timber Habitat Type (Form #8)

Status of Compliance: **Exceeds** **Compliant** **Out of Compliance**

Non-Compliance Level (use professional judgment): **Trivial/Low** **Apparent/Medium** **Major/High** **No Consensus**

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9. Inner Zone Harvest Mixed Conifer Timber Habitat Type (Form #9)

Status of Compliance: **Exceeds** **Compliant** **Out of Compliance**

Non-Compliance Level (use professional judgment): **Trivial/Low** **Apparent/Medium** **Major/High** **No Consensus**

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10. Inner Zone Harvest High Elevation Habitat Type (Form #10)

Status of Compliance: **Exceeds** **Compliant** **Out of Compliance**

Non-Compliance Level (use professional judgment): **Trivial/Low** **Apparent/Medium** **Major/High** **No Consensus**

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11. Np or Ns RMZ (Form #11)

Status of Compliance: **Exceeds** **Compliant** **Out of Compliance**

Non-Compliance Level (use professional judgment): **Trivial/Low** **Apparent/Medium** **Major/High** **No Consensus**

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12. A or B Wetland Management Zones and Forested Wetlands (Form #12)

Status of Compliance: **Exceeds** **Compliant** **Out of Compliance**

Non-Compliance Level (use professional judgment): **Trivial/Low** **Apparent/Medium** **Major/High** **No Consensus**

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13. Small Forest Landowner 20-Acre Exempt Parcels (Form #13)

Status of Compliance: **Exceeds** **Compliant** **Out of Compliance**

Non-Compliance Level (use professional judgment): **Trivial/Low** **Apparent/Medium** **Major/High** **No Consensus**

14. Alternate Plans (Form #14)

Status of Compliance: **Exceeds** **Compliant** **Out of Compliance**

Non-Compliance Level (use professional judgment): **Trivial/Low** **Apparent/Medium** **Major/High** **No Consensus**

15. Stream Evaluation Form (Form #15) Supplemental Information Only

Did you complete Form #15 for any streams that may have been inconsistent with the FPA? Yes No

Signatures of representatives and date:

Eastern and Western Washington
Form # 2 Road Construction
FPA #_____ Date: _____

Y= Yes, N=No, NA = Not applicable, NC =No consensus (Defer to FPF)
***=Pertains to water quality**. **If road activities DO NOT present a potential impact to resources check (NA)**

1. Was water typed correctly on all waters using either physical criteria or a water type change? Y / N / NA /NC

2. Was all diverted water returned to the basin from which it came? Y / N / NA /NC

3. Were drainage structures installed at locations of seeps and springs to route water under the road prism to the forest floor to maintain hydrologic connectivity? Y / N / NA /NC

*4. Does new road construction minimize stream crossings? Y / N / NA /NC

5. Do roads run across typed water at a right angle? Y / N / NA /NC

6. When stream crossings were required, were alterations to natural features minimized? Y / N / NA /NC

7. Were all bogs or low nutrient fens completely avoided? Y / N / NA /NC

8. Was there any road construction in a wetland? Y / N / NA /NC

9. If #8 is yes, was the road prism and road length minimized in the wetland? Y / N / NA /NC

10. If > .5 acre of a wetland were filled or drained due to activities, was the required replacement by substitution or enhancement completed? Y / N / NA /NC

*11. Were culverts located and designed to minimize sediment delivery at stream crossings? Y / N / NA /NC

*12. Were erodible soils disturbed during construction stabilized to prevent the potential to deliver to typed waters? Y / N / NA /NC

*13. Were roads outsloped, insloped, crowned, ditched or bermed to prevent sediment delivery? Y / N / NA /NC

*14. Were cross drains, sediment traps, ditchouts, water bars, or other Best Management Practices utilized to prevent sediment delivery? Y / N / NA /NC

*15. Were all relief structures ≥ 18 inches in diameter in Western Washington and ≥ 15 inches in Eastern Washington? Y / N / NA /NC

Continue to next page

*16. Where ditch out and relief culverts have been employed, were diversion structures placed close enough to the stream to divert most sediment to the forest floor? Y / N / NA /NC

*17. When water was routed to erodible soils, were relief culverts appropriately armored and/or vegetated to minimize scour? Y / N / NA /NC

*18. Where the potential for sediment delivery existed, was full bench construction utilized for roads built on slopes greater than 60%? Y / N / NA /NC

*19. If road construction produced end haul materials, were they placed in stable areas to prohibit the entry of material into the 100-year flood plain? Y / N / NA /NC

*20. Were rock armor headwalls and rock armored ditchblocks installed for drainage structure culverts located on erodible soils where the road has a gradient greater than 6%? Y / N / NA /NC

*21. Do relief structures efficiently capture and pass ditch-line flow? Y / N / NA /NC

Temporary Roads: Complete Road Abandonment Form #9 for any roads that were temporary and abandoned.

22. Was the road designed and permitted to be temporary? Y / N / NA /NC

23. Was the road constructed in a manner to facilitate closure and abandonment when the intended use is completed? Y / N / NA /NC

24. Did the road design and culverts provide the same level of protection for public resources as required by the rules during the length of its use? Y / N / NA /NC

25. Was the road abandonment date identified on the FPA? Y / N / NA /NC

26. If yes, was the road abandoned by that date? Y / N / NA /NC

Attach any photo documentation to this form or send labeled photos with date, FPA #, and description to leslie.lingley@dnr.wa.gov (jpgs are okay as long as descriptions are attached.)

Comments and field observations (reasons for any out of compliance calls)

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Signature: _____ **Date**_____

Eastern and Western Washington
Form # 3 Road Maintenance
FPA #_____ Date: _____

Y= Yes, N=No, NA = Not applicable, NC =No consensus
***=Pertains to water quality**. **If road activities DO NOT present a potential impact to resources check (NA)**

1. If the department had conditioned that additional and/or larger water structures be installed, was this completed? Y / N / NC / NA

2. Is the road surface maintained to direct groundwater that is captured by the road surface onto stable portions of the forest floor? Y / N / NC / NA

3. During general maintenance of stream adjacent parallel roads, was all down wood blocking vehicle passage placed on the side of the road closest to water? Y / N / NC / NA

*4. Are drainage structures functional? Y / N / NC / NA

*5. Is groundwater captured in the ditchline diverted onto stable portions of the forest floor by using ditchouts, culverts or drivable dips? Y / N / NC / NA

*6. Is road grade maintained to minimize erosion of the surface and subgrade? Y / N / NC / NA

*7. During and on completion of log, pulp, rock, chip, or specialized forest products haul and road building, has the road surface been crowned, outsloped or water barred? Y / N / NC / NA

*8. Were berms removed except those designed for fill protection? Y / N / NC / NA

*9. Is the road surface maintained to minimize direct sediment entry to typed water? Y / N / NC / NA

Attach any photo documentation to this form or send labeled photos with date, FPA #, and description to leslie.lingley@dnr.wa.gov (jpgs are okay as long as descriptions are attached.)

Comments and field observations (reasons for any out of compliance calls, tree counts, etc)

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Signature_____**Date**_____

Eastern and Western Washington
Form #4 Road Abandonment
FPA #_____ Date: _____

Y= Yes, N=No, NA = Not applicable, NC =No consensus (Defer to FPF)
***=Pertains to water quality. If road activities DO NOT present a potential impact to resources check (NA)**

*1. Were roads out-sloped, water barred, or otherwise left in a condition suitable to control erosion and maintain water movement within wetlands and natural drainages? Y / N / NA / NC

*2. Were ditches left in a suitable condition to reduce erosion? Y / N / NA / NC

3. Was the road blocked so that four-wheel highway vehicles cannot pass the point of closure at the time of abandonment? Y / N / NA / NC

*4. Were water crossing structures and fills on all typed waters removed, except where the department has determined other measures would provide adequate protection to public resources? Y / N / NA / NC

Attach any photo documentation to this form or send labeled photos with date, FPA #, and description to leslie.lingley@dnr.wa.gov (jpgs are okay as long as descriptions are attached.)

Comments and field observations (reasons for any out of compliance calls)

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Signature_____**Date**_____

Eastern and Western Washington
Form #5 Landings
FPA #_____ Date: _____

Y= Yes, N=No, NA = Not applicable, NC =No consensus (Defer to FPF)
***=Pertains to water quality. If road activities DO NOT present a potential impact to resources check (NA)**

*1.Was the sidecast or fill used for the landing no larger than reasonably necessary for safe operations? Y / N / NA / NC

2. Were truck roads, skid trails, and fire trails outsloped or cross drained uphill from landings and the water diverted to the forest floor away from the toe of the landing? Y / N / NA / NC

*3. Were appropriate efforts made to direct drainage away from the landing to minimize water accumulation on the landing? Y / N / NA / NC

*4. Was the landing sloped to keep water from collecting on the operational surface? Y / N / NA / NC

*5. Where there was a high potential for excavated materials to enter a WMZ, the bankfull width of any stream, or the 100-year floodplain, did the landowner endhaul the materials? Y / N / NA / NC

*6. Was the location of the landing outside of natural drainage channels, CMZs, RMZs, Core and Inner Zones (both F and N), Type A or B wetlands, and WMZs? Y / N / NA / NC

7. Are there any spoils located within the boundaries of Type A or B wetlands, or within the boundaries of a forested wetland without written approval of the department? Y / N / NA / NC

*8. Are there any piles of debris that are perched and pose a risk of delivering to typed waters? Y / N / NA / NC

Attach any photo documentation to this form or send labeled photos with date, FPA #, and description to leslie.lingley@dnr.wa.gov (jpgs are okay as long as descriptions are attached.)

Comments and field observations (reasons for any out of compliance calls)

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Signature_____**Date**_____

Eastern and Western Washington
Form #6 Temporary and Permanent Crossings on Type N Water
FPA #_____ Date: _____

Y= Yes, N=No, NA = Not applicable, NC =No consensus (Defer to FPF)
***=Pertains to water quality**. **If road activities DO NOT present a potential impact to resources check (NA)**
Answer the following for both permanent and temporary crossings

*1. Were alterations to the stream bed, bank or bank vegetation limited to that necessary for construction of the project?	Y / N / NA / NC

Permanent Crossings Only

*2. Do the culvert, its embankments and fills have erosion protection to withstand a 100-year flood?	Y / N / NA / NC
3. Is the alignment and slope of the culvert on grade with the natural flow of the streambed?	Y / N / NA / NC
4. Are all culverts at least 24 inches for Type Np waters?	Y / N / NA / NC
*5. Are all culverts at least 18 inches in Western Washington or 15 inches in Eastern Washington for Type Ns waters?	Y / N / NA / NC
*6. Was slash or debris that reasonably may be expected to plug the culvert cleared for a distance of 50 feet above the culvert?	Y / N / NA / NC
7. Do the entrances to all culverts have adequate catch basins and headwalls to minimize the possibility of erosion or fill failure?	Y / N / NA / NC
*8. Did the culvert installation prevent scouring of the stream bed and erosion of the banks in the vicinity of the project?	Y / N / NA /NC

Temporary Crossings Only

9. Are the temporary water crossings identified on the FPA?	Y / N / NA / NC
10. Were crossings installed and removed between the following time frames of the same year, unless otherwise conditioned in the FPA? • Between June 1 and September 30 for Western Washington. • Between spring runoff completion and October 15 for Eastern Washington.	Y / N / NA / NC
*11. Was the crossing designed to pass the highest peak flow event expected to occur during the length of time of its use?	Y / N / NA / NC
12. Is there a written plan for the abandonment and restoration of wetland crossings?	Y / N / NA / NC

Attach any photo documentation to this form or send labeled photos with date, FPA #, and description to leslie.lingley@dnr.wa.gov (jpgs are okay as long as descriptions are attached.)

Comments and field observations (reasons for any out of compliance calls). Please use back of page.

Continue to next page

Eastern and Western Washington
Form #7 Fords

FPA #_____ Date: _____

Y= Yes, N=No, NA = Not applicable, NC =No consensus (Defer to FPF)
***=Pertains to water quality. If road activities DO NOT present a potential impact to resources check (NA)**

1. Were alterations to the stream bed, bank or bank vegetation limited to that necessary for construction of the project? Y / N / NA / NC

2. Does the ford, its embankments and fills have erosion protection to withstand a 100-year flood? Y / N / NA / NC

3. Is the alignment and slope of the ford on grade with the natural flow of the streambed? Y / N / NA / NC

*4. Was sediment delivery minimized? Y / N / NA /NC

*5. Were erodible soils disturbed during construction stabilized to prevent the potential to deliver to typed waters? Y / N / NA /NC

6. Are entry and exit points for each ford located as close to perpendicular to the stream as possible? (Not running adjacent or parallel) Y / N / NA / NC

7. Are entry and exit points for each ford within 100 feet upstream or downstream of each other? Y / N / NA / NC

8. Is the ford location shown on the FPA? Y / N / NA / NC

9. Were Best Management Practices implemented for construction, maintenance, or use as required by conditions on the approved application? Y / N / NA / NC

Attach any photo documentation to this form or send labeled photos with date, FPA #, and description to leslie.lingley@dnr.wa.gov (jpgs are okay as long as descriptions are attached.)

Comments and field observations (reasons for any out of compliance calls)

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Signature_____**Date**_____

Eastside Form # 8
S or F RMZ
Inner Zone Harvest Ponderosa Pine Timber Habitat Type
FPA #_____ Date: _____

Y= Yes, N=No, NA = Not applicable, NC =No consensus (Defer to FPF)

1. Is the application within the Bull Trout Overlay? Y / N / NC

If YES to # 1, answer questions 2 and 3, then continue starting with question 4.
If NO to #1, skip to question 4 and continue.

2. Was there harvest within the 75-foot buffer? Y / N / NA / NC

3. Was there a documented approved strategy for shade in the FPA for harvesting within the 75 buffer? Y / N / NA / NC

4. Was the stream size reported on FPA consistent with the field observation? (Complete form #15 if no) Y / N / NA / NC

5. If no, did the discrepancy influence the Inner Zone width (should the stream be 15 ft bfw or $\leq$15 ft bfw?) Y / N / NA / NC

6. Was there any harvest within the 30-foot Core Zone? Y / N / NA / NC

No Inner Zone harvest: if no Inner Zone harvest was proposed, skip to question 18 after answering question #7.

7. Was there harvest in the Inner Zone? Y / N / NA / NC

Inner Zone harvest:

Stands with high basal area

8. Did the harvest leave at least 50 trees per acre and a minimum leave tree basal area of 60 square feet per acre? Y / N / NA / NC

9. Were the 21 largest trees per acre left? Y / N / NA / NC

10. And along with #9, were there an additional 29 trees per acre that are 10 inch dbh or greater? Y / N / NA / NC

11. If there were more than 29 10-inch dbh or greater trees per acre, were they left in the following priority order? Y / N / NA / NC
    - Trees that provide shade to water;
    - Trees that lean towards the water;
    - Trees of preferred species (see WAC 222-16-010);
    - Trees that are evenly distributed across the Inner Zone;

Continue to next page

12. Were additional trees of at least 6 inches dbh left if more than 50 trees per acre were needed to reach the 60 square feet per acre? Y / N / NA / NC

13. If the minimum basal area per acre (60 sq. ft.) couldn't be met with less than 100 trees per acre of at least 6 inches dbh, were the largest trees left up to 100 trees per acre? Y / N / NA / NC

Stands with low basal area and high density

14. Did thinning leave a minimum of 100 trees per acre? Y / N / NA / NC

15. Did the trees that were left include the 50 largest trees per acre? Y / N / NA / NC

16. If yes to 15, were an additional 50 trees per acre greater than 6-inch dbh left? Y / N / NA / NC

17. If there were not 50 or more trees 6 inch dbh per greater per acre, were all trees ≥6 inch dbh left plus the largest remaining trees to equal 50 additional trees per acre left? Y / N / NA / NC

Outer Zone harvest

18. Did the landowner receive Outer Zone leave credits for a LWD placement strategy? Y / N / NA / NC

19. If yes to #18, did the landowner leave 5 dominant or co-dominant trees per acre in the Outer Zone? Y / N / NA / NC

20. If there was no LWD placement strategy, did the landowner leave 10 dominant or co-dominant trees per acre in the Outer Zone? Y / N / NA / NC

Salvage Questions: If no salvage was proposed, skip to question 29.

21. Is there any salvage within the BFW of any Core Zone, or CMZ of any typed water, including any portion of those trees that may have fallen outside of these zones? Y / N / NA / NC

Salvage in the Inner Zone

22. Does the residual stand meet stand requirements (see questions 8-19, above), including down trees that originated from the Inner Zone? Y / N / NA / NC

23. If the proposed salvage involves down wood, was the following down wood requirement in the Inner Zone left after the salvage logging? Y / N / NA / NC
    At least 12 tons per acre as follow:
    - 6 pieces greater than 16 inches diameter and 20 feet in length
    - 4 pieces greater than 6 inches in diameter and 20 feet in length

24. Was the salvage operation conducted to protect residual undamaged trees within the Inner Zone? Y / N / NA / NC

Continue to next page

25. If no Inner Zone salvage was proposed, is there any salvage within the Inner Zone, including any portion of those trees that my have fallen outside of it? Y / N / NA / NC

Salvage in the Outer Zone

26. Does the residual stand meet the leave tree requirements (see questions 18-20) including down trees that originated from the Outer Zone? Y / N / NA / NC

Stream adjacent parallel road in the Inner Zone: If no stream adjacent parallel road, you are done with form.

27. Can the minimum required basal area for the habitat type be met with the presence of the road?
    If yes, you are done with this form.
    If no, continue to question 28.

28. Was there harvest in the Inner Zone, including trees on the uphill side of the road? Y / N / NA / NC

29. Is the stream greater than 15 feet BFW?
    If yes, continue to question 30.
    If no, go to question 34.

Streams greater than 15 feet BFW

30. Is the road edge that is closest to the stream 75 feet or more from the outer edge of BFW or CMZ?
    If yes, you are done with this form.
    If no (therefore, the road edge is less than 75 from BFW/CMZ), answer questions 33-35.

31. Were additional leave trees, equal in total basal area to the trees lacking due to the road, left near the streams in or adjacent to the harvested unit? Y / N / NA / NC

32. If no or not applicable to the above question, did the DNR determine that additional leave trees were not available or practical to be left? Documentation from the DNR should be in the FPA. Y / N / NA / NC

33. If yes to the above question, did the landowner(s) or operator(s) employ site specific management activities to replace lost riparian functions (i.e. LWD placement in streams)? This strategy should be documented in the FPA. Y / N / NA / NC
    - You are done with this form.

Streams less than 15 feet BFW

34. Is the road edge that is closest to the stream 50 feet or more from the outer edge of BFW or CMZ?
    If yes, you are done with this form.
    If no (therefore, the road edge is less than 50 from BFW/CMZ), answer questions 3-37.

Continue to next page

35. Were additional leave trees, equal in total basal area to the trees lacking due to the road, left near the streams in or adjacent to the harvested unit? Y / N / NA / NC

36. If no or not applicable to the above question, did the DNR determine that additional leave trees were not available or practical to be left? Documentation from the DNR should be in the FPA. Y / N / NA / NC

37. If yes to the above question, did the landowner(s) or operator(s) employ site specific management activities to replace lost riparian functions (i.e. LWD placement in streams)? This strategy should be documented in the FPA. Y / N / NA / NC

Attach any photo documentation to this form or send labeled photos with date, FPA #, and description to leslie.lingley@dnr.wa.gov (jpgs are okay as long as descriptions are attached.)

Comments and field observations (reasons for any out of compliance calls, tree counts, etc)

Signature: _____ **Date**_____

Eastside Form # 9
S or F RMZ
Inner Zone Harvest Mixed Conifer Timber Habitat Type
FPA #_____ Date: _____

Y= Yes, N=No, NA = Not applicable, NC =No consensus (Defer to FPF)

1. Is the application within the Bull Trout Overlay? Y / N / NC

If YES to # 1, answer questions 2 and 3, then continue starting with question 4.
If NO to #1, skip to question 4 and continue.

If YES to #1, answer questions 2 and 3, then skip to question 4.

2. Was there harvest within the 75-foot buffer? Y / N / NA / NC

3. Was there a documented approved strategy for shade in the FPA for harvesting within the 75 buffer? Y / N / NA / NC

4. Was the stream size reported on FPA consistent with the field observation? (Complete form #15 if no) Y / N / NA / NC

5. If no, did the discrepancy influence the Inner Zone width (should the stream be >15 ft bfw or ≤15 ft bfw?) Y / N / NA / NC

6. Was there any harvest in the 30-foot Core Zone? Y / N / NA / NC

No Inner Zone harvest: if no Inner Zone harvest was proposed, skip to question 18 after answering question #7.

7. Was there harvest in the Inner Zone? Y / N / NA / NC

Inner zone harvest:
Stands with high basal area

8. Did the harvest leave at least 50 trees per acre? Y / N / NA / NC

9. If yes to #8, was 70 square feet per acre basal area left on low index sites (S.I. < 90)? Y / N / NA / NC

10. If yes to #8, was greater than 90 square feet per acre basal area left on medium site indexes (S.I. 90-110)? Y / N / NA / NC

11. If yes to #8, was greater than 110 square feet per acre basal area left on high site indexes (S.I. > than 110)? Y / N / NA / NC

12. Were the 21 largest trees left? Y / N / NA / NC

13. And were there an additional 29 trees per acre that are ≥10-inch dbh left? Y / N / NA / NC

Continue to next page

14. If there were more than 29 10 inch dbh or greater trees per acre, were they left in the following priority order? Y / N / NA / NC
    - Trees that provide shade to water;
    - Trees that lean towards the water;
    - Trees of preferred species (see WAC 222-16-010);
    - Trees that are evenly distributed across the Inner Zone;

15. Were additional trees of 6 inches dbh left if more than 50 trees per acre were needed to reach the 60 square feet per acre requirement? Y / N / NA / NC

16. Were 100 trees of the largest remaining trees left regardless of basal area if the minimum basal area could not be met with fewer than 100 trees of at least 6-inch dbh. Y / N / NA / NC

Stands with low basal area and high density

17. Did thinning leave a minimum of 120 trees per acre? Y / N / NA / NC

18. Did the trees that were left include the 50 largest trees per acre? Y / N / NA / NC

19. If yes to 18, were an additional 70 trees per acre greater than 6-inch dbh left? Y / N / NA / NC

20. If there were not 70 trees 6 inch dbh per greater per acre, were all trees 6-inch dbh left plus the largest remaining trees to equal the additional 70 trees per acre? Y / N / NA / NC

Outer Zone harvest

21. Did the landowner receive Outer Zone leave credits for a LWD placement strategy? Y / N / NA / NC

22. If yes to #23, did the landowner leave 8 dominant or co-dominant trees per acre in the Outer Zone? Y / N / NA / NC

23. If there was no LWD placement strategy, did the landowner leave 15 dominant or co-dominant trees per acre in the Outer Zone? Y / N / NA / NC

Salvage Questions: If no salvage was proposed, skip to question 30.

24. Is there any salvage within the BFW of any Core Zone, or CMZ of any typed water, including any portion of those trees that may have fallen outside of these zones? Y / N / NA / NC

Continue to next page

Salvage in the Inner Zone

25. Does the residual stand meet stand requirements (see questions 8-22, above), including down trees that originated from the Inner Zone? Y / N / NA / NC

26. If the proposed salvage involves down wood, was the following down wood requirement in the Inner Zone left after the salvage logging? Y / N / NA / NC

    At least 20 tons per acre as follow:

    - 8 pieces greater than 16 inches diameter and 20 feet in length
    - 8 pieces greater than 6 inches in diameter and 20 feet in length

27. Was the salvage operation conducted to protect residual undamaged trees within the Inner Zone? Y / N / NA / NC

28. If no Inner Zone salvage was proposed, is there any salvage within the Inner Zone, including any portion of those trees that my have fallen outside of it? Y / N / NA / NC

Salvage in the Outer Zone

29. Does the residual stand meet the leave tree requirements (see questions 21-23) including down trees that originated from the Outer Zone? Y / N / NA / NC

Stream adjacent parallel road in the Inner Zone: If no stream adjacent parallel road, you are done with form.

30. Can the minimum required basal area for the habitat type be met with the presence of the road?
    If yes, you are done with this form.
    If no, continue to question 33.

31. Was there harvest in the Inner Zone, including trees on the uphill side of the road? Y / N / NA / NC

32. Is the stream greater than 15 feet BFW?
    If yes, continue to question 35.
    If no, go to question 39.

Streams greater than 15 feet BFW

33. Is the road edge that is closest to the stream 75 feet or more from the outer edge of BFW or CMZ?
    If yes, you are done with this form.
    If no (therefore, the road edge is less than 75 from BFW/CMZ), answer questions 36-38.

34. Were additional leave trees, equal in total basal area to the trees lacking due to the road, left near the streams in or adjacent to the harvested unit? Y / N / NA / NC

35. If no or not applicable to the above question, did the DNR determine that additional leave trees were not available or practical to be left? Documentation from the DNR should be in the FPA. Y / N / NA / NC

Continue to next page

36. If yes to the previous question, did the landowner(s) or operator(s) employ site specific management activities to replace lost riparian functions (i.e. LWD placement in streams)? This strategy should be documented in the FPA. Y / N / NA / NC
    - You are done with this form.

Streams less than 15 feet BFW

37. Is the road edge that is closest to the stream 50 feet or more from the outer edge of BFW or CMZ?
    If yes, you are done with this form.
    If no (therefore, the road edge is less than 50 from BFW/CMZ), answer questions 38-40.

38. Were additional leave trees, equal in total basal area to the trees lacking due to the road, left near the streams in or adjacent to the harvested unit? Y / N / NA / NC

39. If no or not applicable to the above question, did the DNR determine that additional leave trees were not available or practical to be left? Documentation from the DNR should be in the FPA. Y / N / NA / NC

40. If yes to the above question, did the landowner(s) or operator(s) employ site specific management activities to replace lost riparian functions (i.e. LWD placement in streams)? This strategy should be documented in the FPA. Y / N / NA / NC

Attach any photo documentation to this form or send labeled photos with date, FPA #, and description to leslie.lingley@dnr.wa.gov (jpgs are okay as long as descriptions are attached.)

Comments and field observations (reasons for any out of compliance calls, tree counts, etc)

Signature:_____ **Date**_____

Eastside Form # 10
Inner Zone Harvest High Elevation Habitat Type
FPA #_____ Date: _____

Y= Yes, N=No, NA = Not applicable, NC =No consensus (Defer to FPF)

1. Is the application within the Bull Trout Overlay (BTO)? Y / N / NC

If YES to # 1, answer questions 2 and 3, then continue starting with question 4.
If NO to #1, skip to question 4 and continue.

2. Was there harvest within the 75-foot buffer? Y / N / NA / NC

3. Was there a documented approved strategy for shade in the FPA for harvesting within the 75 buffer? Y / N / NA / NC

4. Was the stream size reported in the FPA consistent with the field observation? (Complete form #15 if no) Y / N / NA / NC

5. If no, did the discrepancy influence the Inner Zone width (should the stream be 15 ft bfw or $\leq$15 ft bfw)? Y / N / NA / NC

6. Was there any harvest in the Core Zone? Y / N / NA / NC

No Inner Zone harvest: if no Inner Zone harvest was proposed, skip to question 8 after answering question #7.

7. Was there harvest in the Inner Zone? Y / N / NA / NC

Inner Zone Harvest:

8. Did the harvest leave the appropriate basal area? Refer to Appendix G in Board Manual section 7. Y / N / NA / NC

Outer Zone harvest

9. Did the landowner receive Outer Zone leave credits for a LWD placement strategy? Y / N / NA / NC

10. If yes to #9, did the landowner leave 10 dominant or co-dominant trees per acre in the Outer Zone? Y / N / NA / NC

11. If there was no LWD placement strategy, did the landowner leave 20 dominant or co-dominant trees per acre in the Outer Zone? Y / N / NA / NC

Salvage Questions: If no salvage was proposed, skip to question 17.

12. Is there any salvage within the BFW of Core Zone, or CMZ of any typed water, , including any portion of those trees that may have fallen outside of these zones? Y / N / NA / NC

Continue to next page

Salvage in the Inner Zone

13. Does the residual stand meet stand requirements (see question 7, above), including down trees that originated from the Inner Zone? Y / N / NA / NC

14. If the proposed salvage involves down wood, was the following down wood requirement in the Inner Zone left after the salvage logging? Y / N / NA / NC
    At least 30 tons per acre as follow:
    - 8 pieces greater than 16 inches diameter and 20 feet in length
    - 8 pieces greater than 6 inches in diameter and 20 feet in length

15. Was the salvage operation conducted to protect residual undamaged trees within the Inner Zone? Y / N / NA / NC

16. If no Inner Zone salvage was proposed, is there any salvage within the Inner Zone, including any portion of those trees that my have fallen outside of it? Y / N / NA / NC

Salvage in the Outer Zone

17. Does the residual stand meet the leave tree requirements (see questions 9-11) including down trees that originated from the Outer Zone? Y / N / NA / NC

Stream adjacent parallel road in the Inner Zone: If no stream adjacent parallel road, you are done with form.

18. Can the minimum required basal area for the habitat type be met with the presence of the road?
    If yes, you are done with this form.
    If no, continue to question 19.

19. Was there harvest in the Inner Zone, including trees on the uphill side of the road? Y / N / NA / NC

20. Is the stream greater than 15 feet BFW?
    If yes, continue to question 21.
    If no, go to question 25.

Streams greater than 15 feet BFW

21. Is the road edge that is closest to the stream 75 feet or more from the outer edge of BFW or CMZ?
    If yes, you are done with this form.
    If no (therefore, the road edge is less than 75 from BFW/CMZ), answer questions 22-24.

Continue to next page

22. Were additional leave trees, equal in total basal area to the trees lacking due to the road, left near the streams in or adjacent to the harvested unit? Y / N / NA / NC

23. If no or not applicable to the above question, did the DNR determine that additional leave trees were not available or practical to be left? Documentation from the DNR should be in the FPA. Y / N / NA / NC

24. If yes to the previous question, did the landowner(s) or operator(s) employ site specific management activities to replace lost riparian functions (i.e. LWD placement in streams)? This strategy should be documented in the FPA. Y / N / NA / NC
    - You are done with this form.

Streams less than 15 feet BFW

25. Is the road edge that is closest to the stream 50 feet or more from the outer edge of BFW or CMZ?
    If yes, you are done with this form.
    If no (therefore, the road edge is less than 50 from BFW/CMZ), answer questions 26-28.

26. Were additional leave trees, equal in total basal area to the trees lacking due to the road, left near the streams in or adjacent to the harvested unit? Y / N / NA / NC

27. If no or not applicable to the above question, did the DNR determine that additional leave trees were not available or practical to be left? Documentation from the DNR should be in the FPA. Y / N / NA / NC

28. If yes to the above question, did the landowner(s) or operator(s) employ site specific management activities to replace lost riparian functions (i.e. LWD placement in streams)? This strategy should be documented in the FPA. Y / N / NA / NC

Attach any photo documentation to this form or send labeled photos with date, FPA #, and description to leslie.lingley@dnr.wa.gov (jpgs are okay as long as descriptions are attached.)

Comments and field observations (reasons for any out of compliance calls, tree counts, etc)

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Signature:_____ **Date**_____

Eastside Form #11
Np or Ns RMZ
FPA #_____ Date: _____

Y= Yes, N=No, NA = Not applicable, N**C =No consensus (Defer to FPF)**

Is this an Ns or Np stream? Ns_____ Np_____or are there both _____

Complete form #15 if discrepancy with stream typing

30-foot equipment limitation zone (Ns and harvested Np RMZs):

1. Is there evidence of equipment entry into the 30 ft Equipment Limitation Zone? Y / N / NC
   (A Yes answer does not necessarily indicate non-compliance)

2. Was less than 10% of the soil exposed due to activities? Y / N / NA / NC

3. If >10% of soil was exposed, were mitigation conditions placed and followed? Y / N / NA / NC

Water type: Use note templates and measurement protocols to gather information on BFW and gradient over a segment of at least 500 feet as per WAC 222-16-031 (6) (f)). Provide any information regarding typing information provided by LO, uncertainties, or possible questions on stream typing. Fill out Form #15 Stream Evaluation Form for any segments in this section.

Np Water RMZ

If no harvest proposed in the RMZ, see question 18.

4. Was there a CMZ that was not reported on the FPA? Y / N / NC
   (complete form #15 if yes)

If partial cut, answer the following questions:

5. What is the acreage of the RMZ? (RMZ length X 50/43560) _____ acres

6. Were the largest 10 trees per acre retained? (Inclusive of those that contributed to BA) Y / N / NA /NC

7. Were 50 trees per acre retained? Y / N / NA /NC

8. Were all of the trees per acre ≥ 10" dbh? Y / N / NA /NC

9. If no to #8, were any trees removed larger than stems retained? Y / N / NA /NC

If clear-cut, answer the following questions:

10. Was an equal distance no-cut buffer designated and retained by the landowner? Y / N / NA /NC

11. Was clear-cut RMZ less than 300 ft in length? Y / N / NA /NC

12. Was ≥ 70% of this reach in the unit retained as a no-cut or partial cut RMZ? Y / N / NA /NC

13. Was clear-cut RMZ greater than 500 ft from all type F or S water? Y / N / NA /NC

Continue to next page

Eastside Form #11 (cont'd)

14. Was clear-cut RMZ greater than 50 ft from all headwall seeps, side slope seeps, headwater springs, alluvial fans and/or intersections of 2 or more Np waters? Y / N / NA /NC

Stream adjacent parallel roads Np streams.

15. For roads within 30 to 49 feet of the stream, was there a 100 foot RMZ if harvesting both sides of the stream or 50 foot RMZ if harvesting on only one side of the stream? Y / N / NA /NC

16. For the requirement in #15 (above), was the RMZ based on the following priority order? Y / N / NA /NC
    - Preferred: The area between the stream and the stream side edge of the road.
    - The area that provides the most shade to the channel.
    - The area that is most likely to deliver large woody debris to the channel.

17. For roads within 30 feet of BFW of the stream, in addition to #15 and #16 (above), were all trees left between the stream and the streamside edge of the road? Y / N / NA /NC

For no harvest within the RMZ, answer the following question:

18. Were any trees cut inside the no cut RMZ? Y / N / NA /NC

Salvage

19. Was there salvage of the RMZ of any Type Np stream, or sensitive site? Y / N / NA / NC

20. Is there any salvage within the BFW of any Type N water? Y / N / NA / NC

Attach any photo documentation to this form or send labeled photos with date, FPA #, and description to leslie.lingley@dnr.wa.gov (jpgs are okay as long as descriptions are attached.)

Comments and field observations (reasons for any out of compliance calls, tree counts, etc)

Signature_____**Date**_____

Eastside Form #12
A or B WMZ and Forested Wetlands
FPA #_____ Date: _____

Y= Yes, N=No, NA = Not applicable, NC =No consensus (Defer to FPF)

1. Were the wetlands typed and sized appropriately on the ground? If no, explain in comment section of this form. Y / N / NA / NC

2. Is the variable buffer width appropriate relative to the WMZ table in WAC 222-30-020 (7) (a)? Y / N / NA / NC

3. Where operations were conducted within the WMZ, were the resulting openings less than 100 feet wide (as measured parallel to wetland edge)? If no, explain in comment section. Y / N / NA / NC

4. Where operations were conducted within the WMZ, were the resulting openings no closer than 200 feet from each other (as measured parallel to wetland edge)? If no, explain in comment section. Y / N / NA / NC

Answer questions 5-7 if less than 10% of the harvest is within the WMZ. Skip to 9 if more than 10% of the harvest unit is within the WMZ.

5. Within the WMZ, are there a total of 75 trees per acre > 4 inches dbh? Y / N / NA / NC

6. Of the 75 trees per acre in the WMZ, are at least 25 of these ≥12" dbh, where they exist? Y / N / NA / NC

7. Of the 25 trees per acre in the WMZ that are ≥12" dbh, are at least 5 of these greater than 20" dbh where they exist? Y / N / NA / NC

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8. Are the leave trees in the WMZ representative of species found in the pre-harvest condition of the WMZ area (evaluate stumps)? Y / N / NA / NC

9. Were any ground based harvesting systems used within the minimum WMZ without written approval of the Department? Y / N / NA / NC

10. When WMZs overlap an RMZ, was the requirement which best protects the public resource applied? Y / N / NA / NC

11. If any timber was felled into or cable yarded across Type A or B Wetlands, was there written approval of the Department? Y / N / NA / NC

12. If harvest occurred within forested wetlands, then was the harvest method limited to low impact harvest or cable systems? Y / N / NA / NC

Continue to next page

13. If a forested wetland exists within the boundaries of a harvest unit and the area of the wetland is greater than 3 acres, were the approximate boundaries determined by the applicant? Y / N / NA / NC

14. Answer the following:
    a. Is 10% of the unit within a WMZ?
       If true go to b.
       If false you are done with this question
    b. Is the harvest unit a clear-cut less than 30 acres?
       If true, go to d
       If false, go to c
    c. Is the harvest unit a partial cut less than 80 acres?
       If true, go to d
       If false, you are done with this question
    d. Did the Landowner leave 38 trees per acre in the WMZ greater than 4 inches dbh, 13 of which are greater than 12 inches dbh, including 3 trees 20 inches dbh where they exist. Y / N / NA / NC

Attach any photo documentation to this form or send labeled photos with date, FPA #, and description to leslie.lingley@dnr.wa.gov (jpgs are okay as long as descriptions are attached.)

Comments and field observations (reasons for any out of compliance calls, tree counts, etc)

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Signature_____ **Date**_____

Eastside Form # 13
20 Acre Exempt Parcels
FPA #_____ Date: _____

Y= Yes, N=No, NA = Not applicable, NC =No consensus (Defer to FPF)

1. Does 10% or more of the harvest unit lies within any combination of a RMZ of a Type S, F or Wetland Management Zone? Y / N / NA / NC

If the answer is yes, leave not less than 50% of the trees required in the **Leave Tree Requirement Table** below.

Within the RMZ, were trees left for wildlife and fisheries habitat as per the elements associated with the questions below:

Leave Tree Requirement Table

	Element	Requirement	
2.	Upon completion of harvest	Were 50% or more of the leave trees live and undamaged (other trees can be dead or dying)?	Y / N / NA / NC
3.	Partial cutting in RMZ	Was the RMZ a minimum of 35 feet to a maximum of 58 feet on each side of stream (only check shade if harvest between 35 and 58 feet	Y / N / NA / NC
4.	Other harvest types in RMZ	Did the RMZ average 58 ft in width of each side of the stream with a minimum width of 35 feet and a maximum of 345 feet (the 75 ft shade rule applies, only check shade if harvest within the 75 ft RMZ)?	Y / N / NA / NC
5.	Leave trees	Were all trees 12 inches or less dbh left, and were all wildlife reserve trees left in the RMZ (If L&I info was provided factor this into the answer)	Y / N / NA / NC
6.		Did the LO leave 18 live conifer TPA between 12 inches dbh and 20 inches dbh representative of the stand?)	Y / N / NA / NC
7.		Did the LO leave 4 live conifer TPA 20 inches dbh or larger and the 2 largest live deciduous trees per acre 16 inches dbh or larger?	Y / N / NA / NC
8.		If these 2 large deciduous trees did not exist, and if 2 wildlife reserve trees per acre greater than 20 inches dbh weren't available, did the LO substitute 2 live conifer TPA 20 inches or greater dbh?	Y / N / NA / NC
9.	Leave trees (cont'd)	If live conifer trees greater than 20 inches dbh didn't exist, did the LO substitute the 5 largest conifer TPA?	Y/ N / NA/ NC
10.		Did the LO leave 3 live deciduous TPA between 12 inches dbh and 16 inches dbh where they exist?	Y/ N / NA/ NC

Continue to next page

Eastern Washington Form #13(cont'd)

	Element	Requirement	
11.	Minimum leave tree requirements per acre for Type S or F waters. Trees from questions #5 to #10 shall be included in the minimum counts	On streams with a boulder/bedrock bed, were 75 TPA 4 inches dbh or larger left?	Y / N / NA / NC
12.		On streams with a gravel/cobble, (less than 10 inches diameter) bed, were 155 TPA 4 inches dbh or larger left?	Y / N / NA / NC
13.		On lakes or ponds, were a minimum of 86 TPA 4 inches dbh or larger left?	Y / N / NA / NC

For Type S or F waters answer the following:

14. If the riparian management zone (?) overlaps a Type A or B Wetland or a wetland management zone, was the requirement that best protects the resource applied? Y / N / NA / NC

15. If harvest in the RMZ, did the LO avoid disturbing brush, live trees, stumps, and root systems embedded in the bank. Did they leave high stumps to prevent felled and bucked timber from entering the water? Y / N / NA / NC

For Type Np water complete the following:

16. Were 29 conifer or deciduous trees, 6 inches or larger DBH, left on each side of every 1000 feet of stream length within 29 feet of the stream? (This wording is very awkward but it's how the rule is written, so I guess we're going to have to live with it for now); Y / N / NA / NC

17. Was the stream size consistent with the FPA? (complete form #15 if no) Y / N / NA / NC

Attach any photo documentation to this form or send labeled photos with date, FPA #, and description to leslie.lingley@dnr.wa.gov (jpgs are okay as long as descriptions are attached.)

Comments and field observations (reasons for any out of compliance calls, tree counts, etc)

_____

_____

Signature_____ **Date**_____

Western and Eastern Washington Form #14
Alternate Plans

FPA #_____ Date: _____

Y= Yes, N=No, NA = Not applicable, NC =No consensus (Defer to FPF)

1. Does the alternate plan contain a map showing affected streams and other waters, wetlands, unstable slopes, and existing roads? Y / N / NA / NC

2. Does the map also show the location of proposed road construction, timber harvest and other forest practices? Y / N / NA / NC

3. Is there a description of how the alternate plan provides public resource protection including a description of the proposed alternate strategy, prescriptions, and where applicable aquatic resource enhancements? Y / N / NA / NC

4. Is there a list of FP rules that the alternate plan is intended to replace? Y / N / NA / NC

5. If applicable, are there descriptions of monitoring and adaptive management ` strategies, including landowner plans for annual performance reviews? Y / N / NA / NC
(Note that this question will not determine a compliance status, but is for general information.)

6. If applicable, is there an implementation schedule? Y / N / NA / NC
(Not: this question will not determine a compliance status, but is for general information.)

7. If there are multiple Forest Practices applications submitted with this plan, is there justification that the sites included in the plan share sufficient common physical characteristics and elements to be considered together? Y / N / NA / NC

8. Is there documentation that an ID team was convened or an attempt to convene to review this alternate plan? Y / N / NA / NC

9. Did the application include the recommendation of the interdisciplinary team that indicated the alternate plan meets the approval standard or what revisions are necessary to meet the approval standard? Y / N / NA / NC

10. Was there a written letter by the department to the landowner explaining why the application was conditioned? (*Will not determine out of compliance for the LO, but it is a requirement and can be tallied for DNR use)* Y / N / NA / NC

11. Did the LO follow the prescriptions in the approved Alternate Plan? Y / N / NA / NC

12. Did the alternate plan provide protection for public resources at least equal in Overall protection provided in the existing act and rules? Y / N / NA / NC

Continue to next page

Eastside Form #14 (cont'd)

Please provide a narrative below to explain any deviations to the approved Alternate Plan.

Attach any photo documentation to this form or send labeled photos with date, FPA #, and description to leslie.lingley@dnr.wa.gov (jpgs are okay as long as descriptions are attached.)

Comments and field observations (reasons for any out of compliance calls, tree counts, etc)

Explain if necessary if the Alternate Plan provided equal protection as indicated in question #12

Signature_____ **Date**_____

Eastern and Western Washington
Form #15 –Supplemental Stream Evaluation Information
FPA #_____ Date: _____

Y= Yes, N=No, IND = Indeterminate, NC =No consensus (Defer to FPF)
If there was a Water-Type Modification Form associated with an Ns, Np, or Type F stream, do not use Form 15 for such streams.

For questions relating to water typing procedures, refer to WAC 222-16-031. Use Board Manual Section (3) for determining physical characteristics of Type F streams.

To determine width and gradient use WAC 222-16-031(6) (f), which states:

> "*Channel width and gradient" means a measurement over a representative section of at least 500 linear feet with at least 10 evenly spaced measurement points along the normal stream channel but excluding unusually wide areas of negligible gradient such as marshy or swampy areas, beaver ponds, and impoundments. Channel gradient may be determined utilizing stream profiles plotted from United States Geological Survey topographic maps."*

Ns Stream—If No Ns stream, go to question #8 for Np stream or # 17 for Type F/S stream

1. Did the Ns stream appear on the FPA map? Y / N / IND / NC

2. Did the Ns stream actually exist on the ground? Y / N / IND / NC

3. Was the Ns stream typed consistently with the FPA typing? Y / N / IND / NC

4. Did the Ns stream connect to a higher order stream? Y / N / IND / NC
   If NO,

5. Did it meet physicals for Np? Y / N / IND / NC

6. Did it meet physicals for F or S? Y / N / IND / NC

7. Did the landowner protect the stream equal to or more than the required ELZ buffer? Y / N / IND / NC

8. Did the landowner protect an Ns mapped stream that doesn't exist on the ground? Y / N / IND / NC

9. Was there documentation for a stream typing change as per the FPA instructions? Y / N / IND / NC

Np Stream—if no Np stream go to question #17

10. Did the stream appear on the FPA map? Y / N / IND / NC

11. Did the Np stream actually exist on the ground? Y / N / IND / NC

Continue to next page

Eastern and Western Washington Form #15 (cont'd)

12. Does the stream show on the U.S. Geologic Survey topographic map? Y / N / IND / NC

13. If the landowner used a USGS map, did they reference the map? Y / N / IND / NC

14. Was the Np stream typed consistently with the FPA typing? Y / N / IND / NC

15. Did the stream meet the physicals of Np water? Y / N / IND / NC

If NO:

16. Did it meet physicals for Ns? Y / N / IND / NC

17. Did it meet physicals for F or S? Y / N / IND / NC

18. Was there documentation for a stream typing change as per the FPA instructions? Y / N / IND / NC

19. Did the landowner protect the stream with equal to or more than the required Np buffer? Y / N / IND / NC

20. Did the stream meet the physicals of a Type F stream as determined by Section 1.3 of Board Manual 2, Standard Methods for Indentifying Bankfull Channel Features and Channel Migration zones? Y / N / IND / NC

What is the average BFW? _____ Gradient? _____

F and/or S Streams

21. Did the stream appear on the FPA map? Y / N / IND / NC

22. Did the stream actually exist on the ground? Y / N / IND / NC

23. Was the stream size consistent with the size on the approved FPA? Y / N / IND / NC

24. Does the stream show on the U.S. Geologic Survey topographic map Y / N / IND / NC

25. If the landowner used a USGS map, did they reference the map?

26. Were there stream associated wetlands not included in the stream buffer determinations? Y / N / IND / NC

27. Was there a CMZ that was not included in the stream width determinations? Y / N / IND / NC

Attach any photo documentation to this form or send labeled photos with date, FPA #, and description to leslie.lingley@dnr.wa.gov (jpgs are okay as long as descriptions are attached.)

Please provide comments on the back of this page to clarify any determinations above.

Signature:_____ **Date**_____